

FIG. 1

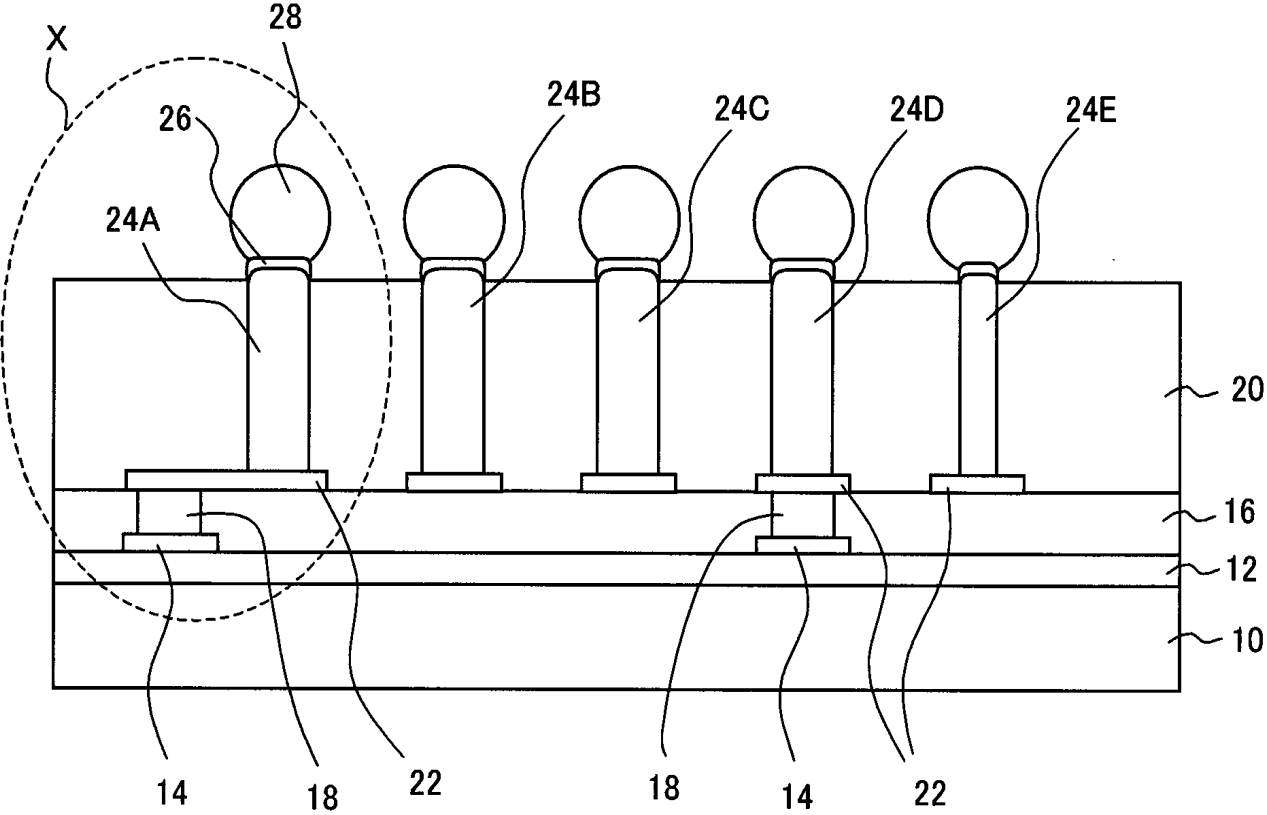


FIG. 2

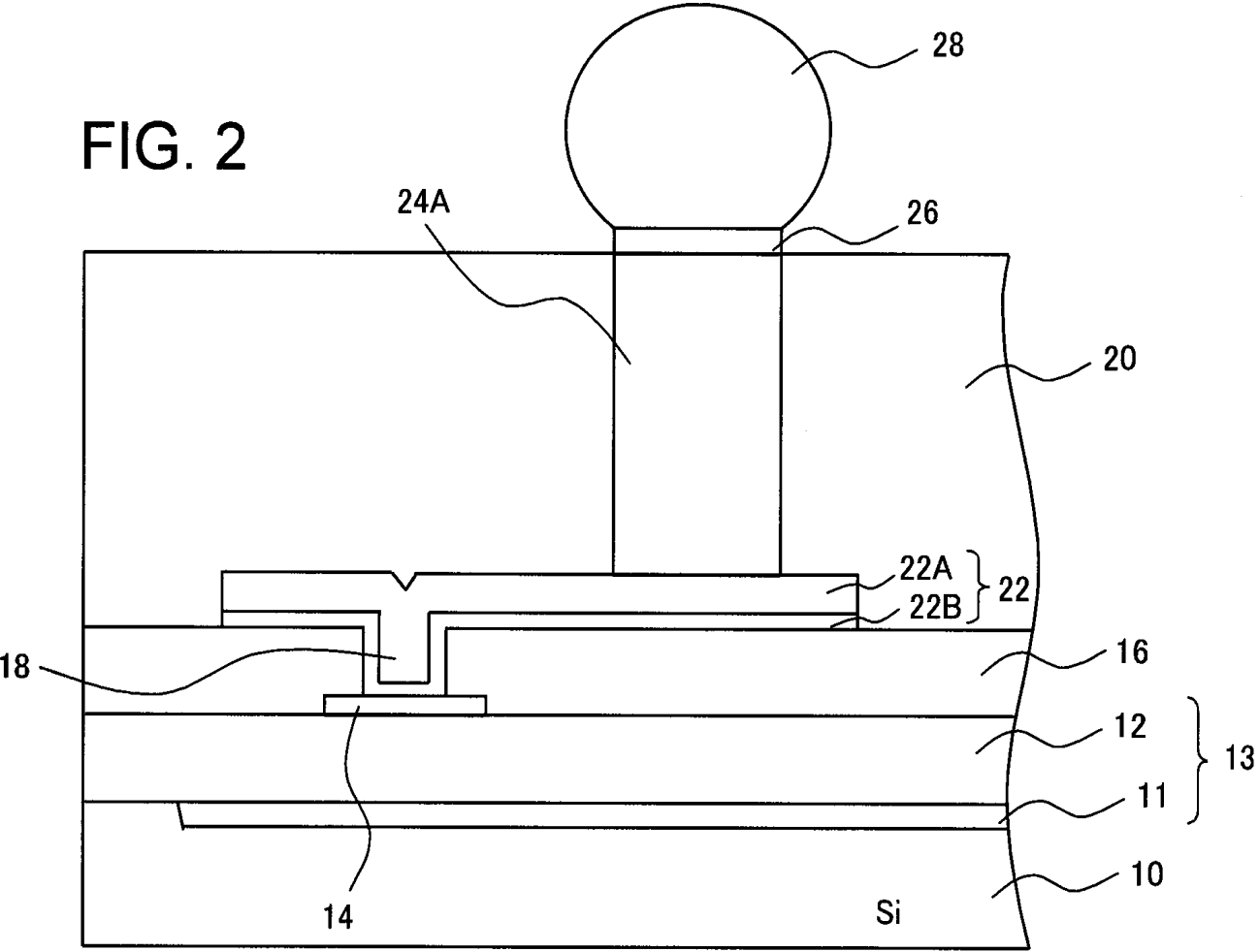


FIG. 3

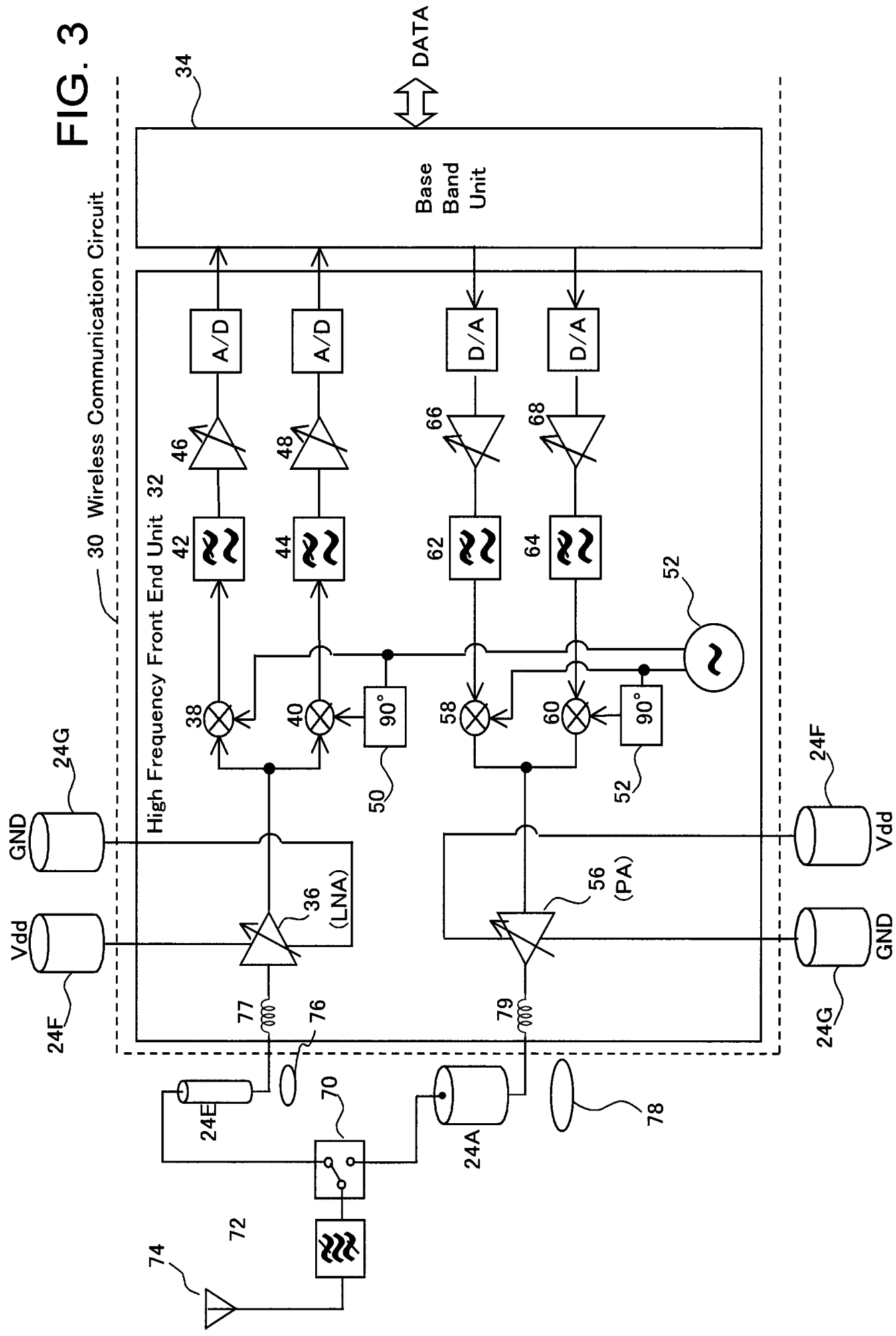
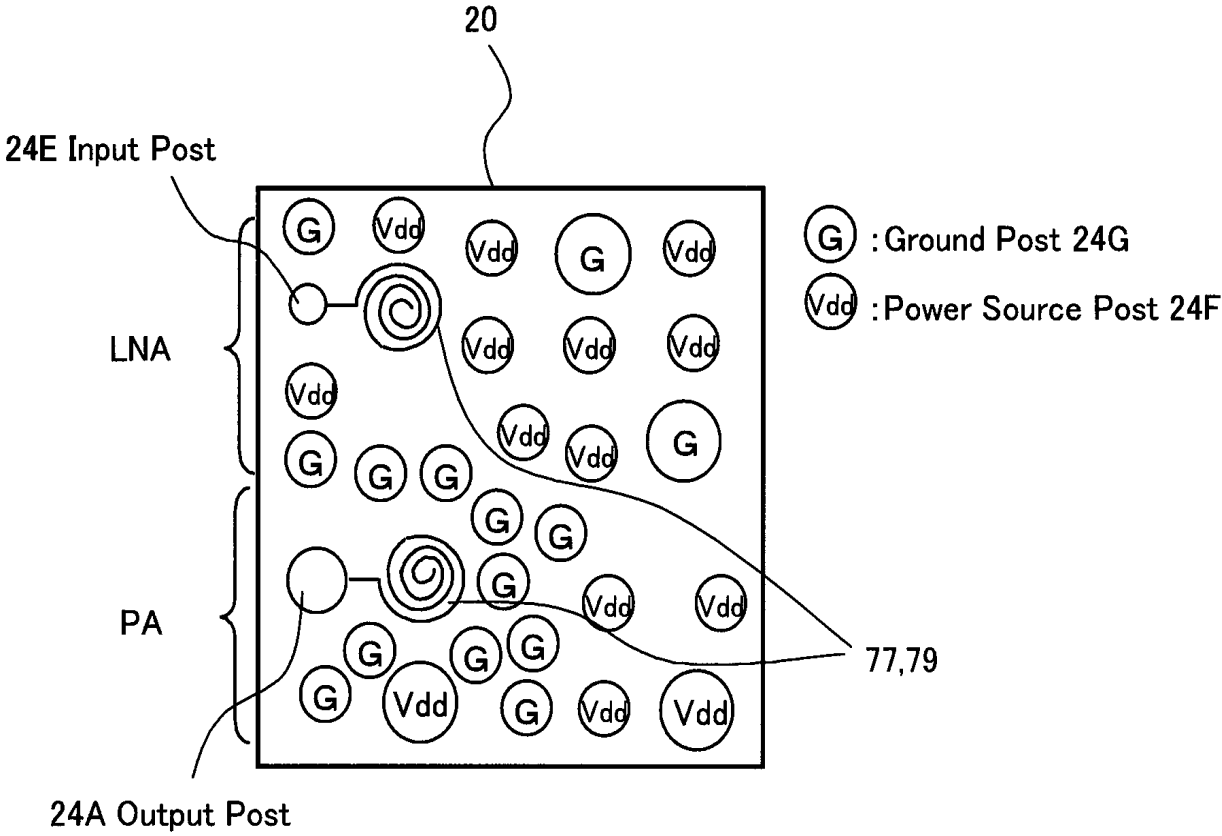


FIG. 4

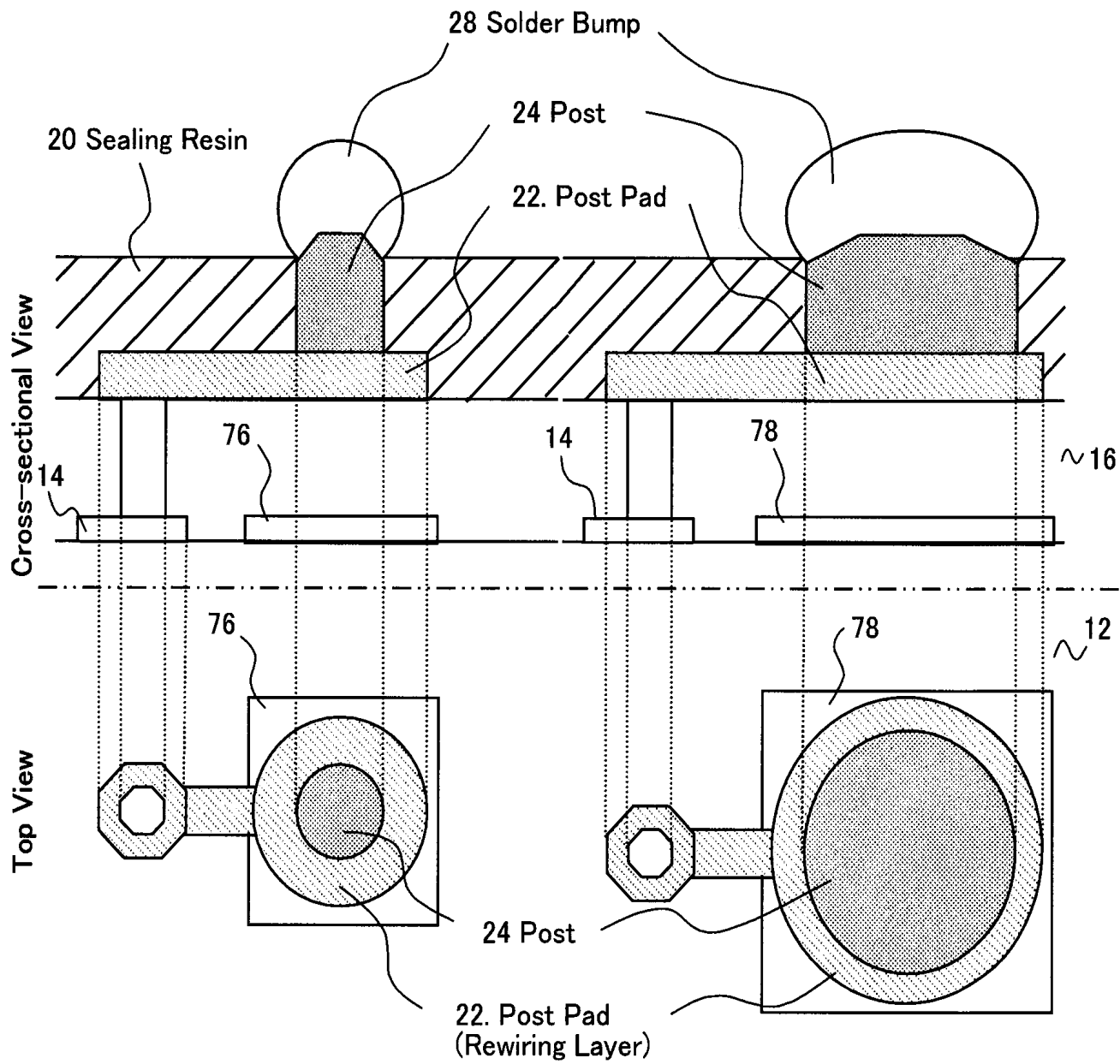


# FIG. 5

## Receiving Side Post & Transmitting Side Post

Receiving Side

Transmitting Side



# FIG. 6

## Power Source & Ground Posts

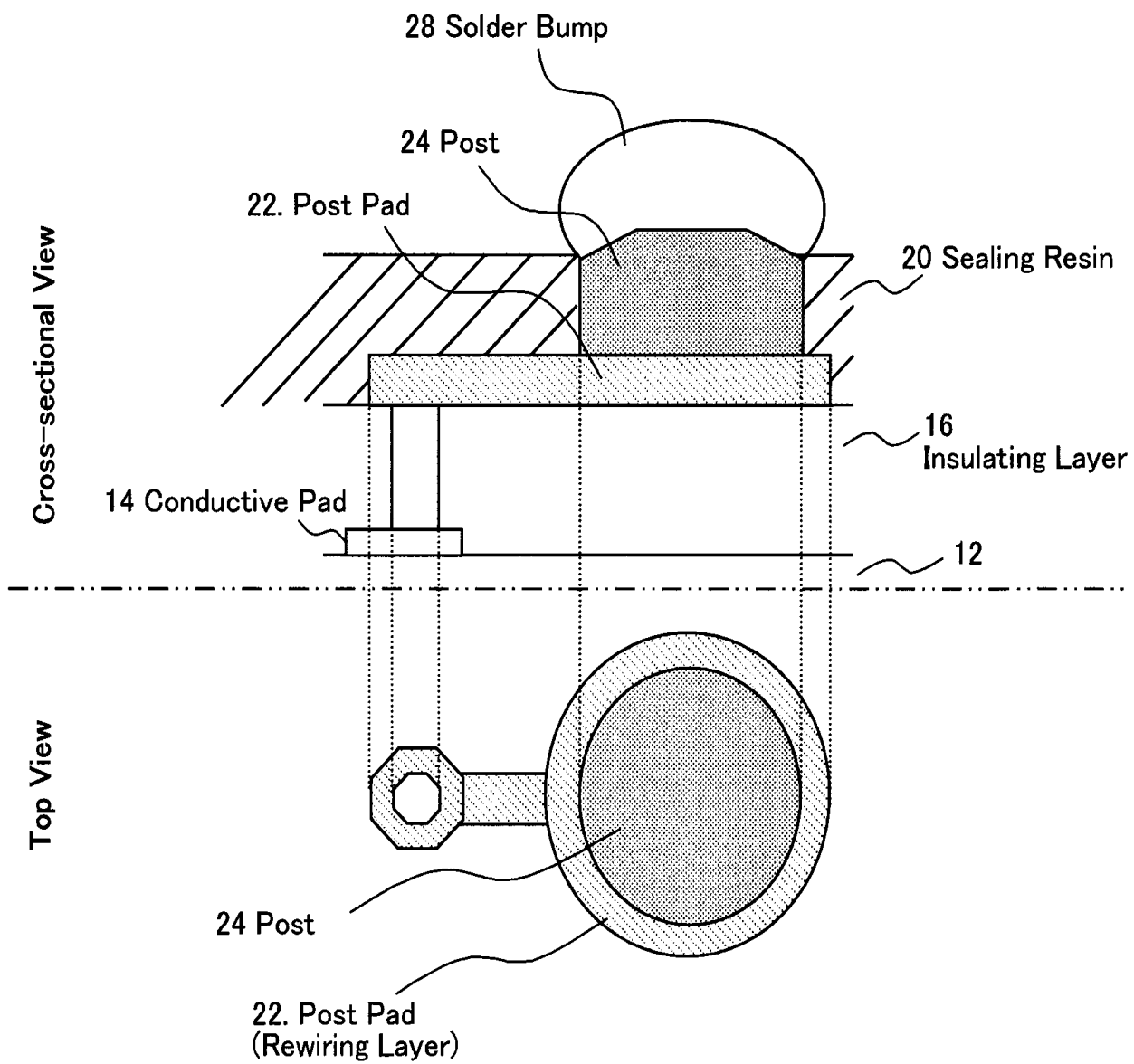


FIG. 7A

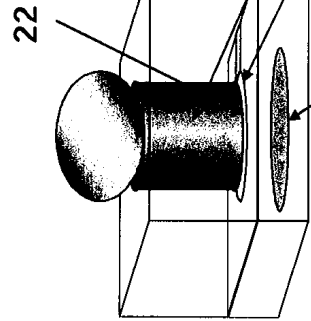
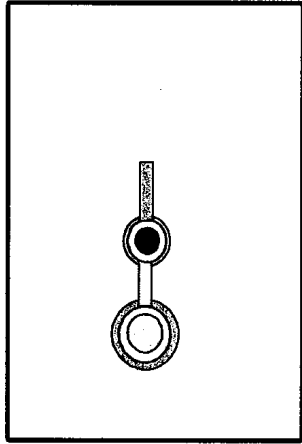


FIG. 7C  
Shield Portion

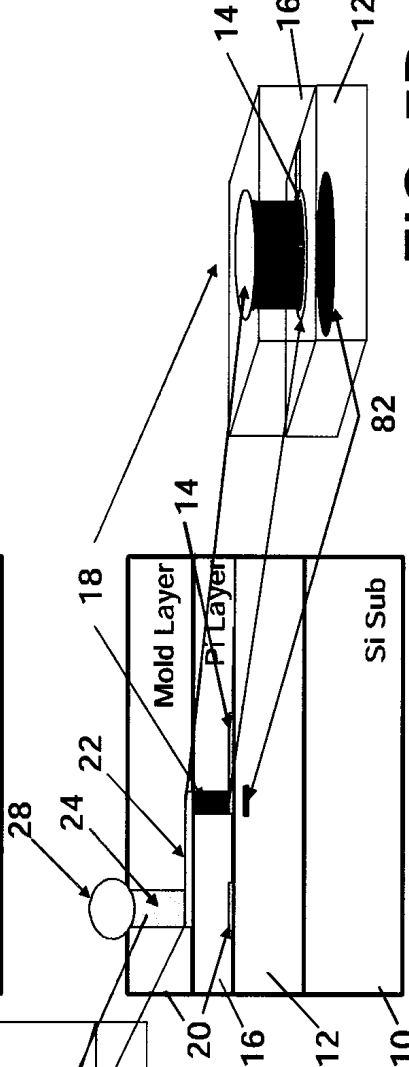


FIG. 7B

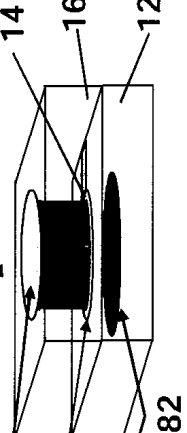


FIG. 7D  
Shielded Portion

**FIG. 8A**

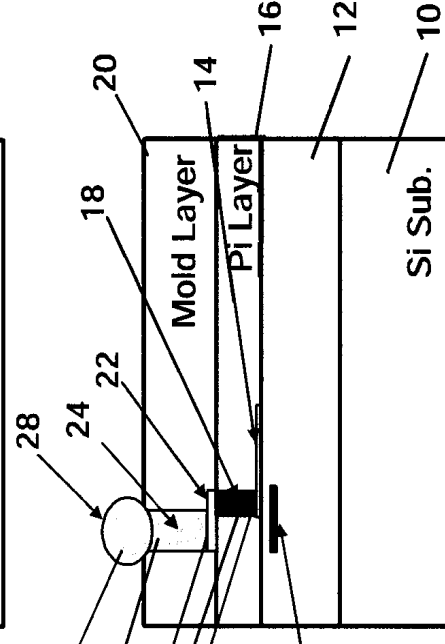
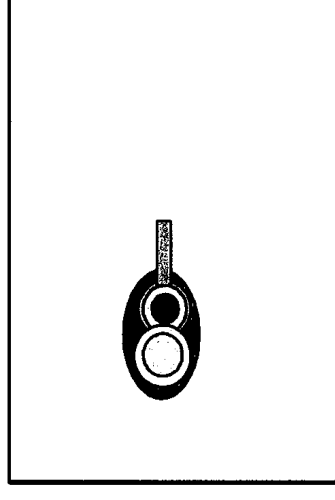
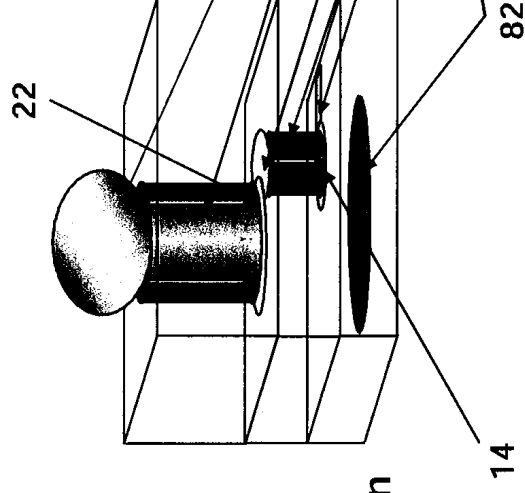


FIG. 8B



**FIG. 8C**  
**Shield Portion**

FIG. 9

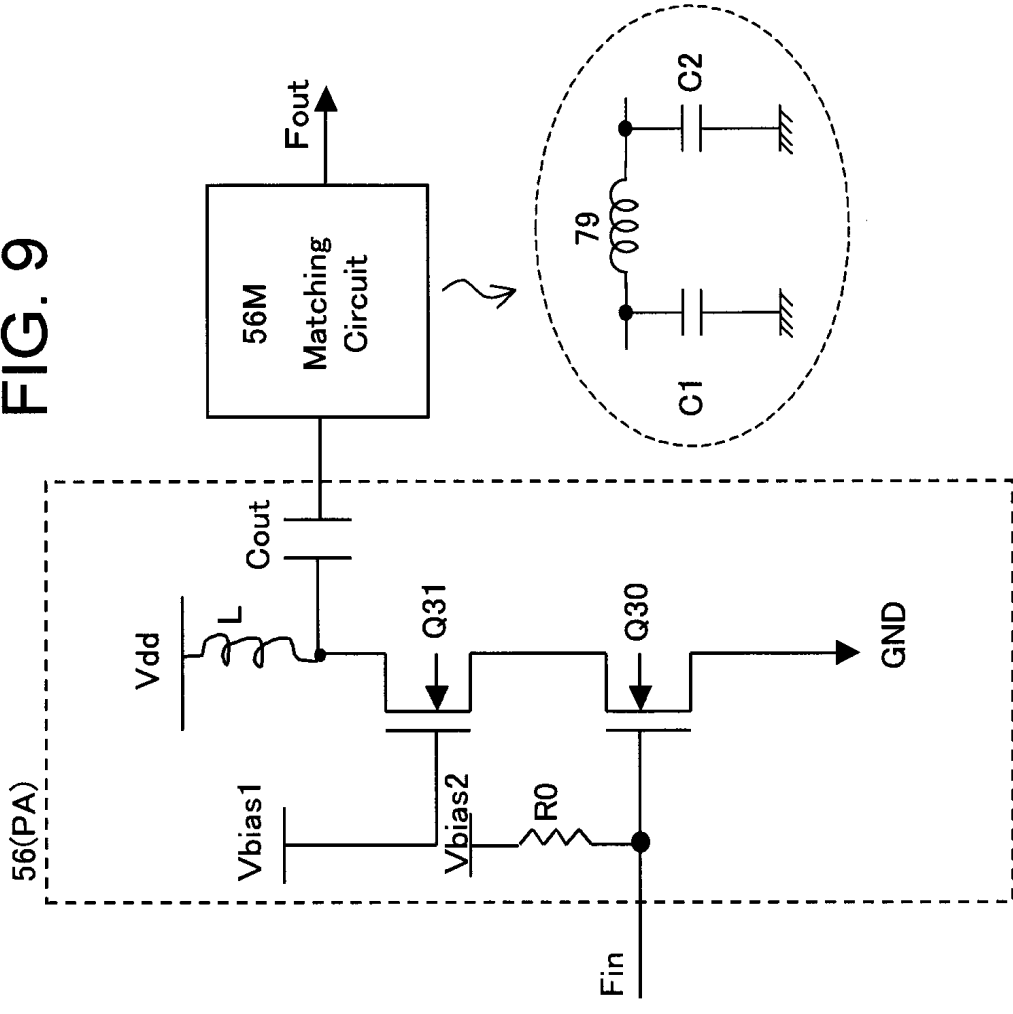
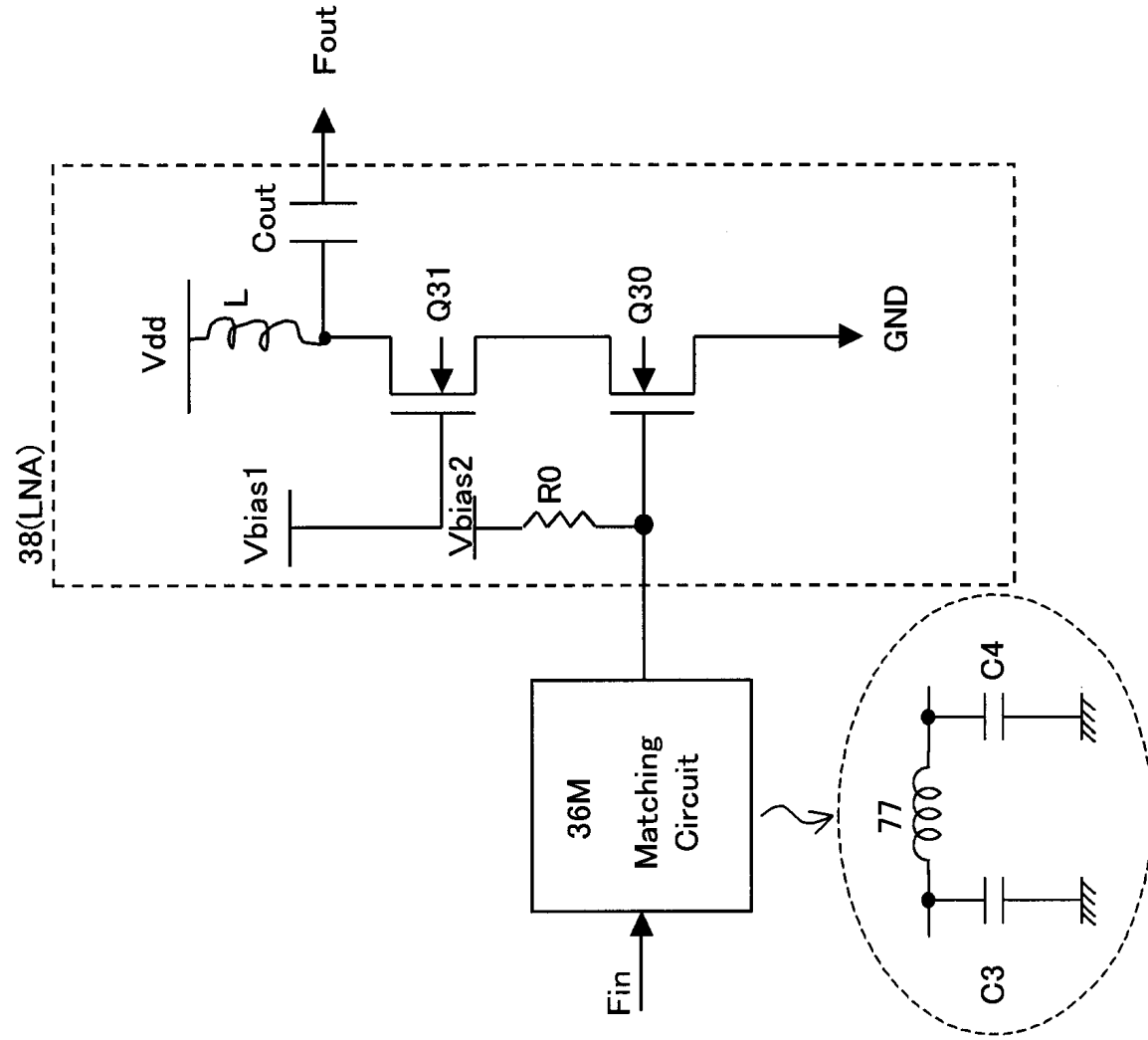
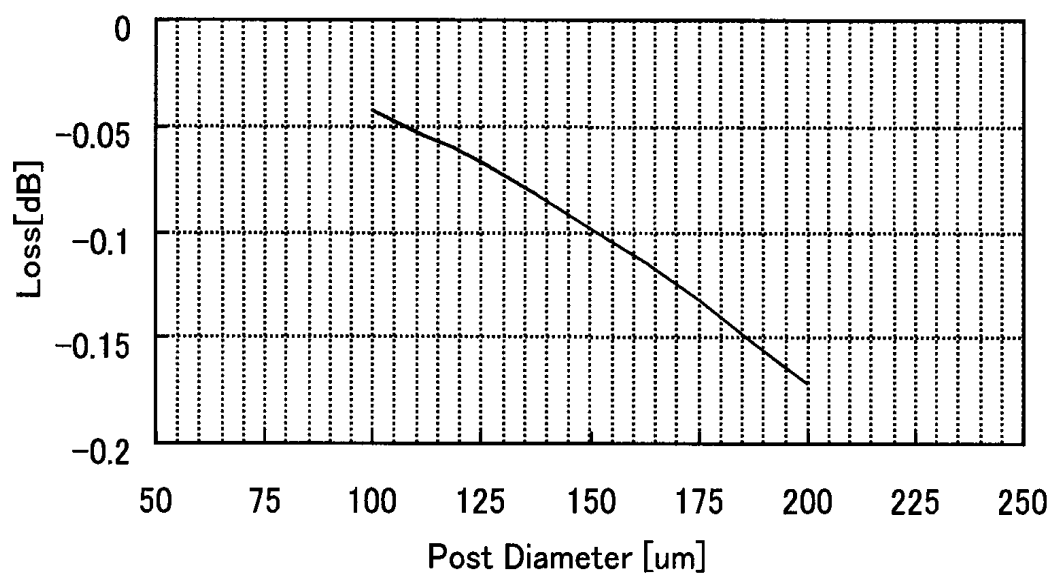




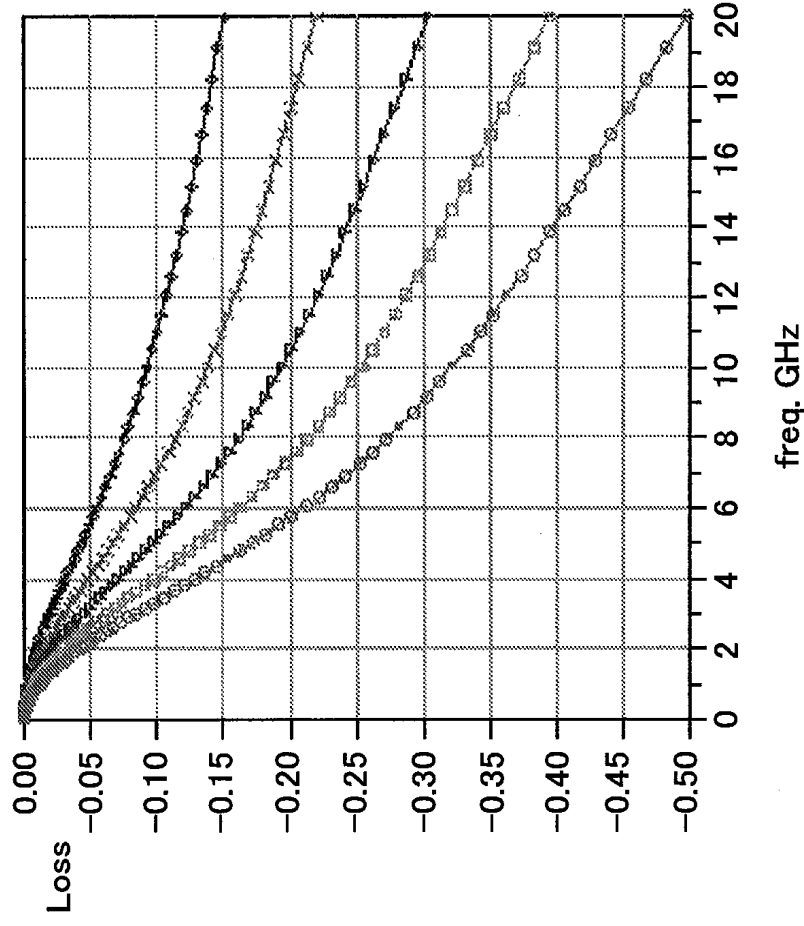
FIG. 10



Relation Between Post Diameter and Loss for 5GHz

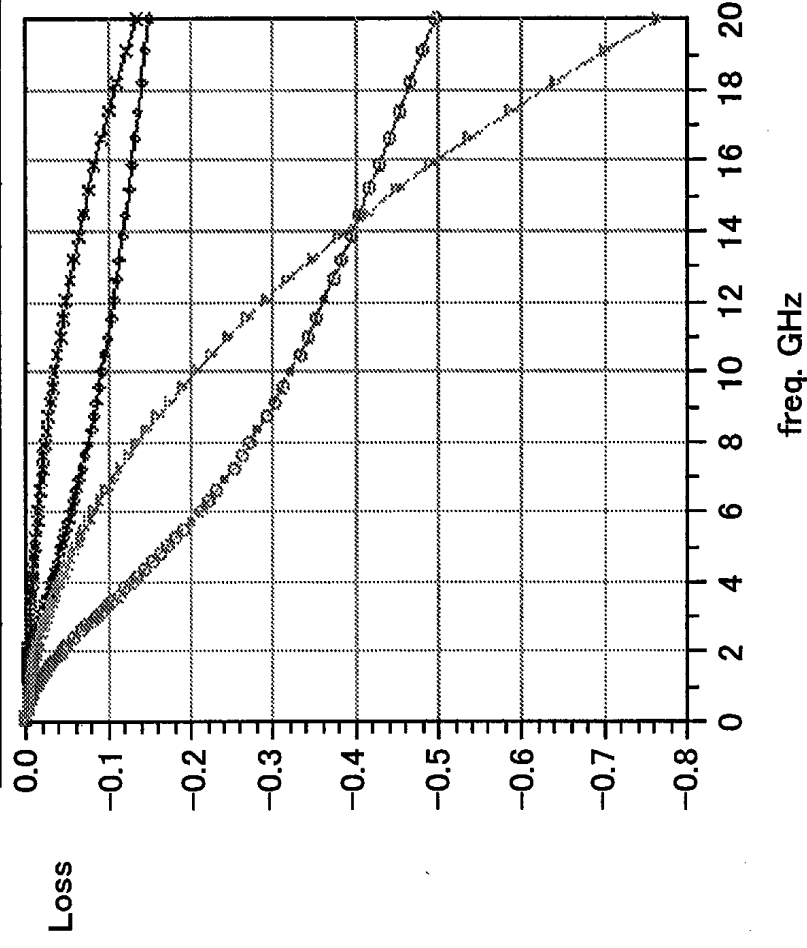
# FIG. 11

Circle : Diameter of post = 200um  
 Square : Diameter of post = 175um  
 Triangle : Diameter of post = 150um  
 X : Diameter of post = 125um  
 Diamond : Diameter of post = 100um



# FIG. 12

Circle : Diameter of post = 200um  
 Diamond : Diameter of post = 100um  
 Triangle : Diameter of post = 200um with GND-Shield  
 X : Diameter of post = 100um with GND-Shield



# FIG. 13

- No Symbol : Inductor only
- Circle : Inductor + PAD for post (Diameter of post = 200um)
- Diamond : Inductor + PAD for post (Diameter of post = 100um)
- Triangle : Inductor + PAD for post (Diameter of post = 200um with GND-Shield)
- X : Inductor + PAD for post (Diameter of post = 100um with GND-Shield)

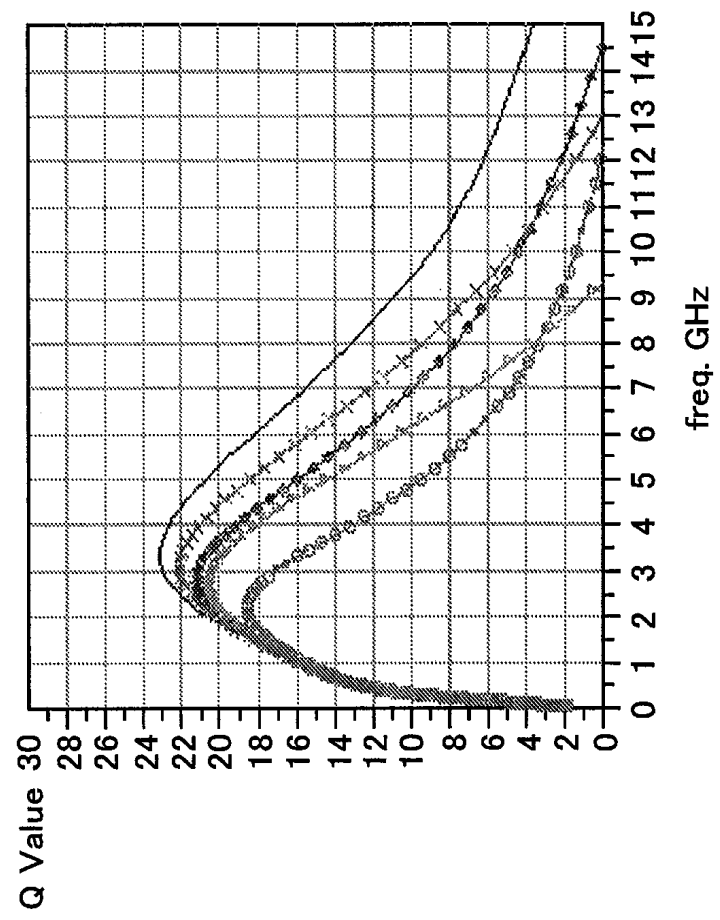


FIG. 14

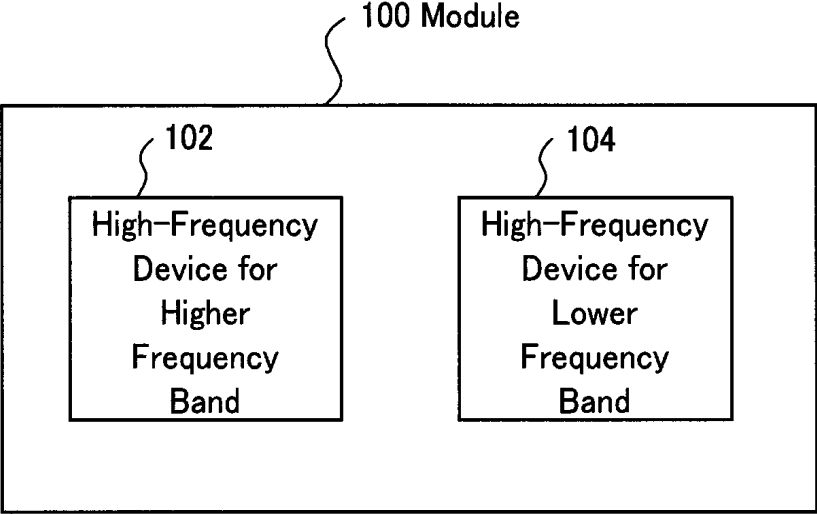


FIG. 15A

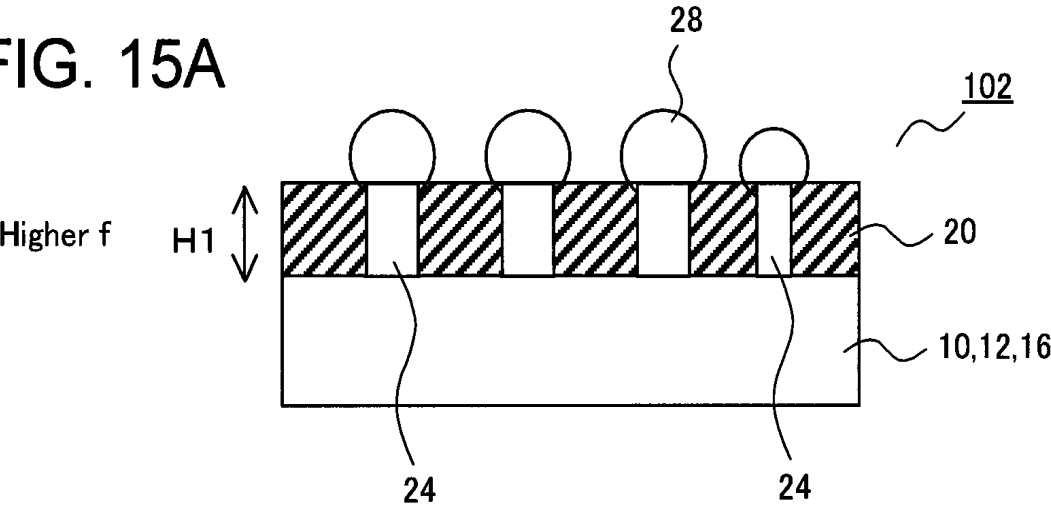


FIG. 15B

